

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050937

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04N5/52 H03G3/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04N H03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 154 503 A (STROLLE CHRISTOPHER HUGH) 28 November 2000 (2000-11-28)	1,2,5-8
Y	the whole document	3,4
X	EP 1 168 605 A (MATSUSHITA ELECTRIC IND CO LTD) 2 January 2002 (2002-01-02) abstract; figures 1,3	1,2,5,7,8
Y	GB 2 348 328 A (TOKYO SHIBAURA ELECTRIC CO) 27 September 2000 (2000-09-27) figures 6,7	3,4
A	EP 1 164 788 A (MATSUSHITA ELECTRIC IND CO LTD) 19 December 2001 (2001-12-19)	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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Date of the actual completion of the international search

13 August 2004

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20/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Yvonnet, J

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6154503	A	28-11-2000	JP 3442262 B2 JP 10065750 A	02-09-2003 06-03-1998
EP 1168605	A	02-01-2002	CN 1331523 A EP 1168605 A2 JP 2002084205 A US 2001055956 A1	16-01-2002 02-01-2002 22-03-2002 27-12-2001
GB 2348328	A	27-09-2000	JP 3413132 B2 JP 2000312235 A US 6771719 B1	03-06-2003 07-11-2000 03-08-2004
EP 1164788	A	19-12-2001	CN 1329405 A EP 1164788 A2 JP 2002077769 A US 2002021371 A1	02-01-2002 19-12-2001 15-03-2002 21-02-2002